



version control merging acyclic graph

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### Optimizing code based on resource sensitive hoisting and sinking

US Pat. 6044221 - Filed May 9, 1997 - Intel Corporation

5 illustrates the various subpaths in a **control flow graph** that are used in a ...  
... unique path from the entry to the exit of the zation. **acyclic flow graph**.

...

### Tamper resistant software encoding

US Pat. 6594761 - Filed Jun 9, 1999 - Cloakware Corporation

Each definition of a variable is given a unique **version**, and different ... of a variable reach a **merging** node in the **control flow graph** of the program, ...

### Versioned relational database system with an optimistic constraint model

US Pat. 7028057 - Filed Jul 25, 2002 - Oracle International Corporation

23 24 Returning to step 922, if the **version control** subsystem 11 makes a positive ... is thus no longer a hierarchy, but rather a directed **acyclic graph**.

...

### Tamper resistant software-control flow encoding

US Pat. 6779114 - Filed Aug 19, 1999 - Cloakware Corporation

This yields an intermediate representation in which expressions are represented in directed **acyclic graph** (DAG) form, that is, in tree form, if there are no ...

### [APPLICATION] Merging graphical programs

US Pat. 11330724 - Filed Jan 12, 2006

The vertices of the **graph** are the terminals and nodes of the block diagram. ...  
code **control** to: manually merge changes made to a local file to the **version** ...

### Tamper resistant software encoding

US Pat. 6842662 - Filed Jan 10, 2003 - Cloakware Corporation

When several definitions of a variable reach a **merging** node in the **control flow graph** of the program, a merge function assignment statement called a phi, ...

### Apparatus and method for providing a facility for managing versions and ...

US Pat. 5862386 - Filed May 14, 1993 - Texas Instruments Incorporated

4 shows **version graph** after the object in has undergone a series of evolutions.  
... composition of objects into general graphs which need not be **acyclic**. ...

### Variant domains and variant maps in a versioned database management system

US Pat. 5386559 - Filed Jul 16, 1992 - International Business Machines Corporation

Thus a derivation **graph** is a directed **acyclic graph**. The **version(s)** from ... The specification of the data for any **version** is entirely under user **control**. ...

### Resolution of relationship source and target in a versioned database ...

US Pat. 5504879 - Filed Jul 16, 1992 - International Business Machines Corporation

Thus a derivation **graph** is a directed **acyclic graph**. The **version(s)** from ... The



versions conflict resolution user interface

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[Test executive system and method including distributed type storage and ...](#)

US Pat. 6397378 - Filed Feb 26, 1999 - National Instruments Corporation

The **conflict resolution** method of the present invention detects this ... The **user** preferably creates the type using a graphical **user interface** (GUI). ...

[Test executive system and method including step types for improved ...](#)

US Pat. 6401220 - Filed Feb 26, 1999 - National Instruments Corporation

The **conflict resolution** method of the present invention detects this ... The **user** preferably creates the type using a graphical **user interface** (GUI). ...

[APPLICATION] [Conflict resolution during data synchronization](#)

US Pat. 10743049 - Filed Dec 23, 2003 - Intel Corporation

The **conflict resolution** request may be addressed to **user** 101, ... an exemplary **user interface** for a client application prompting **user** 101 to select which of ...

[Test executive system and method including process models for improved ...](#)

US Pat. 6577991 - Filed Feb 26, 1999 - National Instruments Corporation

50 When the **user** loads a file which includes a stored type, the method of the present invention executes to perform **conflict resolution**. ...

[System and methods for synchronizing datasets when dataset changes may be ...](#)

US Pat. 6449622 - Filed Apr 15, 1999 - Starfish Software, Inc.

However, if the server detects a **conflict** but cannot compare timestamps in order to perform timestamp-based **conflict 20 resolution**, it will prompt the **user** ...

[Computer implemented method for simultaneous multi-user editing of a document](#)

US Pat. 6067551 - Filed Nov 14, 1997 - Microsoft Corporation

2G for **conflict resolution**. In short, the determination of whether any editing ... a **conflict resolution** dialog box 600 is displayed on the **user interface** ...

[Test executive system and method including automatic result collection](#)

US Pat. 6473707 - Filed Feb 26, 1999 - National Instruments Corporation

When the **user** loads a file which includes a stored type, 65 the method of the present invention executes to perform **conflict resolution**. ...

[APPLICATION] [User interface for conflict resolution management](#)

US Pat. 11025463 - Filed Jan 4, 2005 -

[0019] The **conflict resolution** manager 114 provides a graphical **user interface** (GUI) that displays potential conflicts to the knowledge engineer 116. ...

[System and methods for communicating between multiple devices for ...](#)

US Pat. 6487560 - Filed May 13, 1999 - Starfish Software, Inc.

However, if the server detects a **conflict** but cannot compare timestamps in order to perform timestamp-based **conflict resolution**, it will prompt the **user** to



versions conflict resolution procedure

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### Method and apparatus for managing resource allocation conflicts in a ...

US Pat. 6377540 - Filed Jul 31, 1998 - Motorola, Inc.

In step 510, the **conflict resolution** center performs a **conflict resolution procedure**. In a preferred embodiment, the **conflict resolution procedure** is as

...

### System and methods for synchronizing datasets using cooperation among ...

US Pat. 6401104 - Filed Jul 3, 1999 - Starfish Software, Inc.

In the **procedure**, one of the factors considered for each third-party dataset is whether the received client record has lost any **conflict resolution** to the

...

### System and method for asynchronous store and forward data replication

US Pat. 5812793 - Filed Jun 26, 1996 - Microsoft Corporation

As disclosed in greater detail below, it is presently pre- 45 **conflict resolution** are described in the copending **Conflict** Similarly, one change made to a ...

### System, method and computer program product for storage of a plurality of ...

US Pat. 6182080 - Filed Sep 12, 1997 - Netvoyage Corporation

The collision group property previously discussed is part of one type of **conflict resolution**. In this method, conflicting **versions** of a document are stored ...

### Computer implemented method for simultaneous multi-user editing of a document

US Pat. 6067551 - Filed Nov 14, 1997 - Microsoft Corporation

40 **Conflict Resolution Procedure** In referring now to FIG. 2G, the **resolution** of conflicts between User 1's local copy 65 and the master copy 60 the document ...

### Bidirectional database replication scheme for controlling ping-ponging

US Pat. 6122630 - Filed Jun 8, 1999 - ITI, Inc.

If the **versions** are not consistent, one of the following rules is selected: 1.

... **Conflict resolution** is an application-dictated piece of code. ...

### Application-specific conflict resolution for weakly consistent replicated ...

US Pat. 5603026 - Filed Dec 7, 1994 - Xerox Corporation

Similarly, the application specific **conflict 60 resolution** methodology might be ... said process comprising associating an arbitrary merge-**procedure**, ...

### Inference method and system

US Pat. 4959799 - Filed Nov 3, 1988 - Hitachi, Ltd.

The **resolution** method portion 312 stores the **conflict resolution** method ... the variable and frame in the working area, while each of < **procedure-call** ! ...

### Method and system for merging menus of application programs



multiple versions array acyclic graph identifiers

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### Efficient precomputation of quality-of-service routes

US Pat. 6633544 - Filed Jun 24, 1999 - AT&T Corp.

8 is a flowchart depicting a series of steps for calculating and storing a directed **acyclic graph** of **multiple** equal-cost paths to each destination in a ...

### Method and system for storing information in a computer system memory using ...

US Pat. 5970496 - Filed Sep 12, 1996 - Microsoft Corporation

9, the preferred index, such as the index 830, is a data **array** comprising a sorted table of ... 9 corresponds to the directed **acyclic graph** shown in FIG. 2.

...

### Naming system for hierarchically named computer accessible objects

US Pat. 5995999 - Filed Mar 12, 1997 - Fujitsu Limited

102a- have cached references to objects so that if the That is, the name is assumed to be a directed **acyclic graph**, address of the object changes, ...

### Iterative, gridless, cost-based layer assignment coarse router for computer ...

US Pat. 6349403 - Filed Dec 18, 1998 - Synopsys, Inc.

i ] • appropriate layers as a wire connection may span **multiple** cation of ... a directed **cyclic graph** structure disadvantages which are described below, ...

### XML remote procedure call (XML-RPC)

US Pat. 7028312 - Filed Mar 23, 1999 - webMethods

In the context of a containing RECORD, LIST, or **ARRAY** element (where the **ARRAY** ... is to allow a single data item to be contained in **multiple** data items. ...

### System and method for enumerating all **acyclic** paths in a processing system...

US Pat. 5371744 - Filed Mar 23, 1992 - Hughes Aircraft Company

For example, when the program for enumerating **acyclic** paths 30 reads the line "1 -2" from the input file in FIG. 6, it makes an entry in the internal **array** ...

### Method and apparatus for DP matching using **multiple** templates

US Pat. 5067166 - Filed Mar 23, 1990 - International Business Machines Corporation

... particularly as compared to the stack (**acyclic graph**) method. ... (a) Formation of Tree-Structured Dictionary from **Multiple** Label Sequences The ...

### Telecommunications routing

US Pat. 7362727 - Filed Jul 19, 2000 - British Telecommunications public limited company

Since **multiple** routes are typically This value is instrumental in the ... alters its point builds a directed **acyclic graph** (DAG) rooted at the desti- 55 of ...

### [APPLICATION] XML remote procedure call (XML-RPC)

US Pat. 11602089 - Filed Dec 3, 2004 -

The **VALUE** and **ARRAY** elements may have **multiple** associated type labels that together define the data type of the associated data



versions array acyclic graph

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### Dynamic modeling for resource allocation in a file server

US Pat. 6230200 - Filed Sep 8, 1997 - EMC Corporation

In step 731, the directed **acyclic graph** creation and maintenance program (722

... For example, a particular model of cached disk **array** will have a storage ...

### Generating process models from workflow logs

US Pat. 6038538 - Filed Dec 15, 1997 - International Business Machines Corporation

The method first finds the topological order of the directed **acyclic graph**. Two arrays of size |V| for each vertex v are kept. One **array** keeps the ...

### Method and system for distributed information management and document retrieval

US Pat. 5446883 - Filed Oct 23, 1992 - Answer Systems, Inc.

**Acyclic graph** data base 27 contains a collection of given document solution. ...

and batch dumps these export an **array** of memory elements containing records ...

### Systems and methods for incrementally updating an image in flash memory

US Pat. 6775423 - Filed Jan 8, 2001 - Microsoft Corporation

Therefore, at step 404, a bit **array** is created for a strongly ... The process

then reverts to step 410 to determine if an **acyclic graph** has been produced, ...

### Efficient precomputation of quality-of-service routes

US Pat. 6633544 - Filed Jun 24, 1999 - AT&T Corp.

This data structure is used to implement the directed **acyclic graph** shown in FIG

. ... In particular, FIG. 1a depicts an **array** 711 of linked lists ...

### Method and system for storing information in a computer system memory using ...

US Pat. 5970496 - Filed Sep 12, 1996 - Microsoft Corporation

9, the preferred index, such as the index 830, is a data **array** comprising a

sorted table of ... 9 corresponds to the directed **acyclic graph** shown in FIG. 2.

...

### Directory generation system having efficiency increase with sorted input

US Pat. 4086528 - Filed Nov 12, 1973 - International Business Machines Corporation

An **ACYCLIC GRAPH** is a directed **graph** containing no directed circuit. ... It is

represented as a subscript on the vector, matrix, or **array** representation. ...

### Method and apparatus for unique address assignment, node self-identification ...

US Pat. 5394556 - Filed Dec 21, 1992 - Apple Computer, Inc.

5 illustrates a directed **acyclic graph** with a possible unique address assignment

order ... The circuitry may comprise a programmable logic **array** (PLA) or be ...

### Method for mapping data between a relational format and an object-oriented ...

US Pat. 5694598 - Filed Oct 12, 1994 - U S WEST Technologies, Inc.

Each element (item-**array**) is in turn an **array** TO-attribute. This partitioning is

performed using the ... are ordered as a directed **acyclic graph** (DAG)



versions management conflicts database table

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### System and method of identifying and resolving conflicts among versions of a ...

US Pat. 6598059 - Filed Apr 22, 2000 - Oracle Corp.

... wishes to check out **tables** from a checked out copy, he or she will first need ... **management** system to identify in the 50 **database** table record **versions**

...

### System and method of refreshing and posting data between versions of a ...

US Pat. 6557012 - Filed Apr 22, 2000 - Oracle Corp

The link module is configured to enable the **database management** system to link respective **versions** in the child state from which data go was posted to a ...

### Database version control subsystem and method for use with database ...

US Pat. 6631386 - Filed Apr 22, 2000 - Oracle Corp.

In addition, the DBMS 12 may, in response to queries from the users 14, update the data stored in the **database** 13. The data in the **database tables** 13« are ...

### System and method for enforcing referential constraints between versioned ...

US Pat. 6584476 - Filed Apr 22, 2000 - Oracle Corp.

Accordingly, if a user wishes to check out **tables** from a checked out copy, ... subsystem for use in connection with a **database management** system that allows

...

### Database Synchronizer

US Pat. 5926816 - Filed Oct 9, 1996 - Oracle Corporation

Both **versions** are created as identical copies at the time of synchronization.

... server can apply filters to the data in the respective **database tables**. ...

### Database synchronizer

US Pat. 5870765 - Filed Oct 9, 1996 - Oracle Corporation

Both **versions** are created as identical copies at the time of synchronization.

... server can apply filters to the data in the respective **database tables**. ...

### System for synchronizing shared data between computers

US Pat. 5884325 - Filed Oct 9, 1996 - Oracle Corporation

Both **versions** are created as identical copies at the time of synchronization.

... server can apply filters to the data in the respective **database tables**. ...

### System for synchronizing data between computers using a before-image of data

US Pat. 5870759 - Filed Oct 9, 1996 - Oracle Corporation

That is, both the client and the server can apply filters to the data in the respective **database tables**. Preferably, both row (horizontal) and column ...

### Update support in database content management

US Pat. 6564215 - Filed Dec 16, 1999 - International Business Machines Corporation

Next the **database agent** scans the catalog **tables** to identify all user **tables**